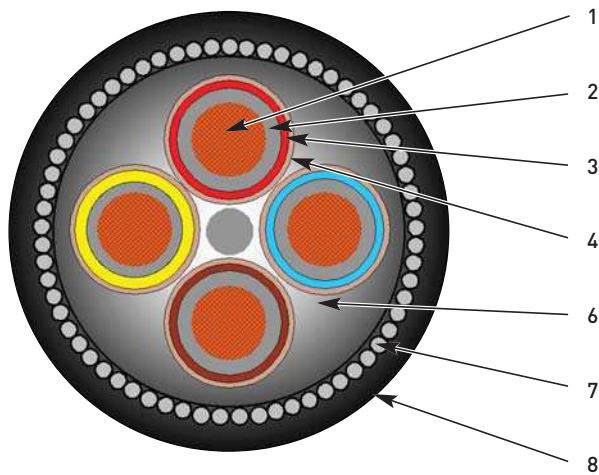


# Type 62, 63 and 64 Flexible Trailing Cables with Galvanised Steel Pliable Wire Armouring

640/1100 volt in accordance with BS 6708:1998

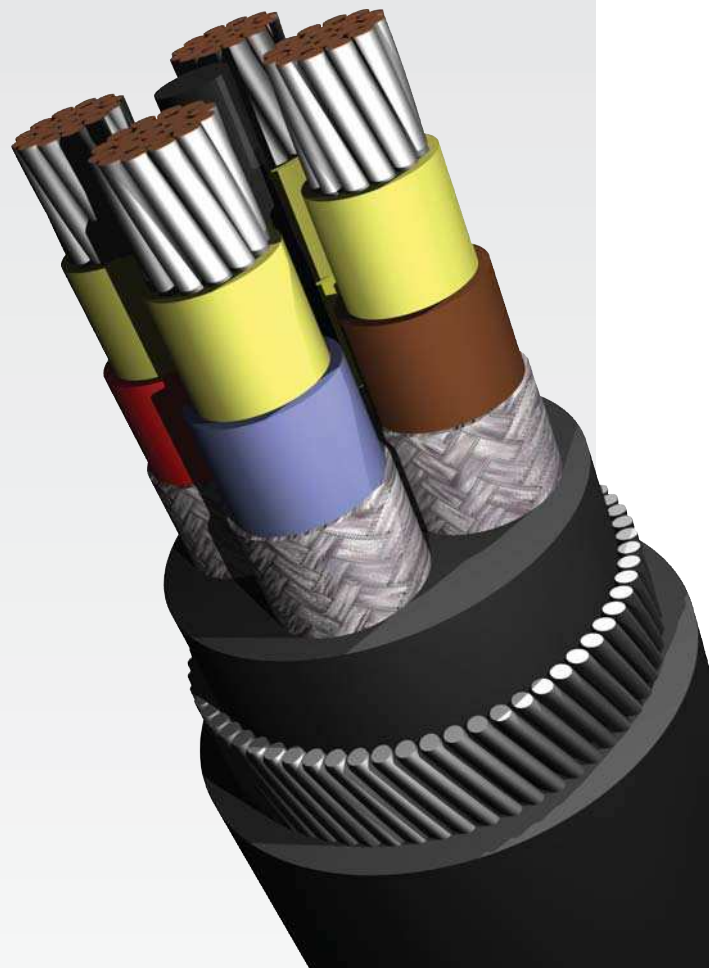
For use as mine roadway extension cables and mechanically protected trailing cables in quarries and coalface lighting. BCS 504 refers



Item	Description	Details
1	Core conductor	2, 3, or 4 TAC flex conductors
2	Core insulation	Extruded MEPR yellow
3	Core identification	Type 62 - brown and blue Type 63 - red, brown, blue Type 64 - red, yellow, brown and blue
4	Core screen	Composite copper/nylon braid
5	Lay up	Type 64 laid around an elastomeric centre
6	Bedding sheath	Extruded PCP black
7	Pliable armour	Galvanised steel wires
8	Overall sheath	Extruded heavy duty PCP black

## Description

Flexible tinned annealed copper (TAC) conductors, MEPR insulated, copper/nylon screened power cores, laid up around a PCP centre where applicable, elastomeric bedding, galvanised steel wire armoured and sheathed overall with a heavy duty flame retardant elastomeric compound.



## Type 62, 63 and 64 Flexible Trailing Cables To BS 6708:1998

### TECHNICAL DETAILS

Phase Conductor				
Number and nom. CSA	mm <sup>2</sup>	2 x 4 mm <sup>2</sup>	3 x 4 mm <sup>2</sup>	4 x 4 mm <sup>2</sup>
Nominal diameter over insulation and tape	mm	4.80	4.80	4.80
Nominal diameter over copper/nylon screen	mm	6.00	6.00	6.00
Cable Details				
Diameter over inner sheath - minimum	mm	16.20	17.10	18.70
Diameter over inner sheath - maximum	mm	18.20	19.10	20.70
Overall diameter - minimum	mm	23.90	24.80	26.40
Overall diameter - maximum	mm	26.40	27.30	28.90
Minimum bending radius	mm	270	280	290
Maximum pulling tension	kgf	48	72	96
Approximate cable weight	kg/km	1090	1230	1360
Electrical Details				
Continuous current rating at 25°C ambient	Amps	28	28	28
Maximum d.c. resistance at 20°C:				
- Power conductor	Ω/km	5.090	5.090	5.090
- Screens in parallel	Ω/km	5.500	3.900	2.800
- Armour	Ω/km	4.910	4.630	4.160
Nominal reactance at 50 Hz	Ω/km	0.119	0.119	0.119
Nominal reactance at 60 Hz	Ω/km	0.143	0.143	0.143
Minimum insulation resistance of power cores at 20°C	MΩ/km	590	590	590
3 Phase volt drop based on full load current at 50 Hz	mV/A/mt	12.38*	10.72	10.72

\*Value quoted is for single phase

AEI Cables reserves the right to amend the product information without notice or liability. The information is considered accurate at the time of going to print.



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